



Availability List of Geodetic Information

National Geodetic Survey
Rockville, Md.
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National Geodetic Survey

Rockville, Md.

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The telephone number for inquiries pertaining to availability of NOAA geodetic publications is (301) 443-8316.

Price List

The publications and prices cited in this listing are subject to change. New NOAA geodetic publications will be added as they become available.

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Users are often interested in ordering geodetic data as well as publications. The NGIC also serves as the national depository for geodetic control data. For further information on ordering geodetic data, or subscribing to the geodetic data automatic mailing service, contact the NGIC.

NOAA Technical Memorandum NOS NGS-2. Final report on geodetic data questionnaire, by Spencer, John F., 1976, 11 pp. \$3.15

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NOAA Technical Memorandum NOS NGS-7. Recent elevations in Southern California, by Holdahl, Sandford R., 1977, 11 pp. \$2.70

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OAA Technical Memorandum NOS NGS-21. Haystack-Westford Carter, William E., Franczek, Charles J., and Pettey, J 1979, 57 pp. \$3.75

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OAA Technical Memorandum NOS NGS-25. Revisions of the H height-controlled network adjustment program, by Vincen 5 pp. \$2.20

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1978, 56 pp. \$3.65

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Schomaker, M. Christine and Berry, Ralph M., 1982 (in

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NOAA Professional Paper 12. A priori prediction of round
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Use of control for land surveys, by Dracup, Joseph F., 1
\$2.80

Use of State plane coordinates in route surveying, by Mi
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C&GS Special Publication 225. Manual of reconnaissance f
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and Morrison, Nancy L., 1980, 136 pp. \$6.00

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